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ATTORNEY DOCKET NO. 13172.0014U2
SERIAL NO. 10/037,469
CONFIRMATION NO. 5187
Page 1 of 3

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO.: 13172.0014U2	SERIAL NO. 10/037,469 CONFIRMATION NO. 5187
	APPLICANT: Ward et al.	
	FILING DATE: November 9, 2001	GROUP: 1645

U.S. PATENT DOCUMENTS

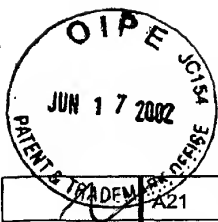
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
12	A1	5,871,928	02/16/99	Fedor et al.			
	A2	5,854,033	12/29/98	Lizardi			
	A3	5,654,413	08/05/97	Brenner			
	A4	5,599,695	02/04/97	Pease et al.			
	A5	5,429,807	07/04/95	Matson et al.			
	A6	5,334,711	08/02/94	Sproat et al.			
	A7	5,198,543	03/30/93	Blanco et al.			
	A8	5,001,050	03/19/91	Blanco et al.			

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12	A9	WO 97/19193	05/29/97	Yale University (PCT)			
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

12	A10	Benseler et al. Hammer-like Molecules Containing Non-Nucleoside Linkers Are Active RNA Catalysts. <i>J. Am. Chem. Soc.</i> 115:8483-8484 (1993)					
	A11	Birkenmeyer et al. DNA probe amplification methods. <i>J. Virological Methods</i> 35:117-126 (1991)					
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	A14	Chatterjee et al. Cloning and overexpression of the gene encoding bacteriophage T5 DNA polymerase. <i>Gene</i> 97:13-19 (1991)					
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2	A20	Hoy et al. Bromodeoxyuridine/DNA analysis of replication in CHO cells after exposure to UV light. <i>Mutation Research</i> 290:217-230 (1993)					



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A22	Jacobsen et al. The N-Terminal Amino-Acid Sequences of DNA Polymerase I from <i>Escherichia coli</i> and of the Large and the Small Fragments Obtained by a Limited Proteolysis. <i>Eur. J. Biochem.</i> 45:623-627 (1974)
A23	Jung et al. Bacteriophage PRD1 DNA polymerase: Evolution of DNA polymerases. <i>Proc. Natl. Acad. Sci. USA</i> 84:8287-8291 (1987)
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A29	Langer et al. Enzymatic synthesis of biotin-labeled polynucleotides: Novel nucleic acid affinity probes. <i>Proc. Natl. Acad. Sci. USA</i> 78:6633 (1981)
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A32	Lipshutz et al. Using Oligonucleotide Probe Arrays To Access Genetic Diversity. <i>BioTechniques</i> 19:442-447 (1995)
A33	Lizardi et al. Mutation detection and single-molecule counting using isothermal rolling-circle amplification. <i>Nature Genet.</i> 19:225-232 (1998)
A34	Lyamichev et al. Polymorphism identification and quantitative detection of genomic DNA by invasive cleavage of oligonucleotide probes. <i>Nat. Biotech.</i> 17:292-296 (1999)
A35	Matsumoto et al. Primary structure of bacteriophage M2 DNA polymerase: Conserved segments within protein-priming DNA polymerases and DNA polymerase I of <i>Escherichia coli</i> . <i>Gene</i> 84:247 (1989)
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A44	Ross et al. High level multiplex genotyping by MALDI-TOF mass spectrometry. <i>Nat. Biotechnol.</i> 16(13):1347-51 (1998)
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<input checked="" type="checkbox"/>	A46	Rychlik et al. Optimization of the annealing temperature for DNA amplification <i>in vitro</i> . <i>Nucleic Acids Res.</i> 18:6409-6412 (1990)
<input type="checkbox"/>	A47	Sambrook et al. <i>Molecular Cloning: A Laboratory Manual</i> , 2 nd Edition (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY) Chapters 5, 6 (1989)
<input type="checkbox"/>	A48	Schena et al. Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray. <i>Science</i> 270:467-470 (1995)
<input type="checkbox"/>	A49	Shi et al. Technologies for Detecting Genetic Polymorphisms in Pharmacogenomics. <i>Mol. Diagn.</i> 4(4):343-51 (1999)
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<input type="checkbox"/>	A51	Skaliter et al. Rolling circle DNA replication <i>in vitro</i> by a complex of herpes simplex virus type 1-encoded. <i>Proc. Natl. Acad. Sci. USA</i> 91(22):10665-10669 (1994)
<input type="checkbox"/>	A52	Stimpson et al. Real-time detection of DNA Hybridization and melting on oligonucleotide arrays by optical wave guides. <i>Proc. Natl. Acad. Sci. USA</i> 92:6379-6383 (1995)
<input type="checkbox"/>	A53	Tabor et al. Selective Inactivation of the Exonuclease Activity of Bacteriophage T7 DNA Polymerase by <i>in Vitro</i> Mutagenesis. <i>J. Biol. Chem.</i> 264:6447-6458 (1989)
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<input type="checkbox"/>	A55	Tang et al. Chlp-based genotyping by mass spectrometry. <i>Proc. Natl. Acad. Sci. USA</i> 96(18):10016-20 (1999)
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<input type="checkbox"/>	A58	Vet et al. Multiplex detection of four pathogenic retroviruses using molecular beacons. <i>Proc. Natl. Acad. Sci. USA</i> 96(11):6394-9 (1999)
<input type="checkbox"/>	A59	Vogelstein et al. Supercoiled Loops and Eucaryotic DNA Replication. <i>Cell</i> 22(1.1):79-85 (1980)
<input type="checkbox"/>	A60	Wang et al. Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome. <i>Science</i> 280(5366):1077-82 (1998)
<input type="checkbox"/>	A61	Wansick et al. Fluorescent Labeling of Nascent RNA Reveals Transcription by RNA Polymerase II in Domains Scattered Throughout the Nucleus. <i>J. Cell Biology</i> 122:283-293 (1993)
<input type="checkbox"/>	A62	Wiegant et al. High-resolution <i>in situ</i> hybridization using DNA halo preparations. <i>Hum. Mol. Genet.</i> 1(8):587-91 (1992)
<input type="checkbox"/>	A63	Yu et al. Cyanine dye dUTP analogs for enzymatic labeling for DNA probes <i>Nucleic Acids Res.</i> 22:3226-3232 (1994)
<input type="checkbox"/>	A64	Yunis et al. The Characterization of High-Resolution G-Banded Chromosomes of Man. <i>Chromosoma</i> 67(4):293-307 (1978)
<input checked="" type="checkbox"/>	A65	Zhu et al. Purification and characterization of PRD1 DNA polymerase. <i>Biochim. Biophys. Acta.</i> 1219:267-276 (1994)
<input type="checkbox"/>	A66	Zijderveld et al. Helix-Destabilizing Properties of the Adenovirus DNA-Binding Protein. <i>J. Virol.</i> 68(2):1158-1164 (1994)
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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B1	5,854,033	Dec. 29, 1998	Lizardi			
	B2	6,143,495	Nov. 7, 2000	Lizardi <i>et al.</i>			
	B3	6,183,960	Feb. 6, 2001	Lizardi			
	B4	6,210,884	Apr. 3, 2001	Lizardi			
	B5	6,329,150	Dec. 11, 2001	Lizardi <i>et al.</i>			
	B6	6,344,329	Feb. 5, 2002	Lizardi			
FOREIGN PATENT DOCUMENTS							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
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